

NAVAL SEA SYSTEMS COMMAND

# Tomahawk

NAVAL SURFACE WARFARE CENTER



DAHLGREN DIVISION



DAHLGREN PANAMA CITY

## *Navy Needs*

- Readily available mission data (targets and routes to fly) for U.S. and U.K. TOMAHAWK missiles
- Ability to rapidly modify preplanned missions and to rapidly create new ones for emerging crisis areas at the request of U.S. or U.K. leadership
- Ability to execute missions for integrated TOMAHAWK and UAV surface ship operations, coordinated with national assets
- Capability to meet new planning requirements derived from upgraded missiles

## *Our Role (for U.S. and U.K.)*

- Provide real-time operational support (data, software, and advice) as well as developmental testing (DT) and crew training from a unique facility containing ashore and afloat total system environments (i.e., copies of operational systems used by Commanders-in-Chief [CINCs], by personnel on carriers and combatants) to ensure proper control and operation of the software
- Provide end-to-end integration and validation of the surface ship TOMAHAWK Weapon System before its deployment
- Give technical guidance and oversight to contractors developing software; validate contractors' products for release to the Fleet
- Develop advanced concepts for technology applications in mission and strike planning for inclusion by industry
- Model and correct CINC and surface fleet problems within the system operational environment
- Advise PEO on technical and contractual matters
- Design agent for deployed surface TOMAHAWK weapon control
- Design agent for next generation TOMAHAWK launch control
- System control engineer for U.K. TOMAHAWK weapon control system
- Software Support Activity (SSA)

## *Products And Services (for U.S. and U.K.)*

- Validating classified operational TOMAHAWK missions and data for surface fleet and ashore units (sent electronically or hand carried); TOMAHAWK Land Attack Missile Fleet Training Aid (TFTA) missions
- Testing and evaluating classified mission planning systems ashore and afloat
- Correcting Fleet problems; managing Fleet-released versions of software
- Offering a unique facility with total TOMAHAWK Weapon System operational capability--used by Commander, Operational Test and Evaluation Force (COMOPTEVFOR) to replace live missile test firings--that is integrated via classified data links with NSWCDD shipboard combat system and Fleet units
- Providing, for over 20 years, the necessary technical continuity for an in-depth understanding of the TOMAHAWK Weapon System



NSWCDD/MP-96/98B: 2/00

Approved for public release; distribution is unlimited

---

*For additional information, please contact:***NSWCDD Public Affairs**

Telephone: (540) 653-8153

Internet: [www.nswc.navy.mil](http://www.nswc.navy.mil)

---

*We are looking for scientists and engineers in different fields.**For employment opportunities, please send your resume to:***NSWCDD College Recruiting Program**

Human Resources Department, Code PD

17320 Dahlgren Road

Dahlgren, VA 22448-5100

Telephone: 1-800-352-7967

E-mail: [recruit@nswc.navy.mil](mailto:recruit@nswc.navy.mil)Internet: [www.nswc.navy.mil/P/RECRUIT/recruit.html](http://www.nswc.navy.mil/P/RECRUIT/recruit.html)